Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 13 Aug 2023 until 23:59 on Monday 14 Aug 2023

Forecast Issued on Saturday 12 Aug 2023 at 14:57

Confidence: High for Sunday, and for another spell of wet weather on Monday. Moderate for timing of rain and cloud details.

Headline for Sunday 13 Aug 2023: Sunny spells and isolated showers.

Mountain weather hazards on Sunday 13 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny intervals	Light rain showers	Light rain showers	Sunny intervals	Cloudy
Precipitation probability							
10%	10%	10%	20%	30%	30%	10%	10%

Forecast for Sunday 13 Aug 2023

Weather: Some low cloud, perhaps with isolated drizzly showers overnight. Then the cloud will lift during the morning, leaving a day of sunny spells with isolated light showers, less heavy than on Saturday. Showers dying out late afternoon. Cloud thickens again late evening, before rain, heavy at times, arrives towards midnight.

Chance of cloud-free hill tops above 600m: 60% becoming 100% by mid-morning. Becoming 30% late evening.

Low cloud and visibility: Areas of cloud overnight, base 500-600m. This lifting and breaking above the hilltops by mid-morning. Cloud then becoming widespread base down to 400m during the evening. Visibility good for much of the day, although moderate to poor in showers. Very poor in low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Sunday 13 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/30 SW	20/28 SW	20/27 SW	19/27 SW	19/27 SW	17/24 SW	17/24 SW	14/21 SW	14/19 SW
300	17/25 SW	16/24 SW	16/24 SW	16/23 SW	13/21 SW	14/21 SW	14/21 SW	9/15 SW	10/16 S
Valley	11/23 SW	10/22 SW	10/22 SW	12/23 SW	10/21 SW	10/20 SW	10/21 SW	6/16 SW	7/15 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	11/7	11/7	12/8	13/10	14/10	13/10	11/9	11/8
300	14/11	13/10	13/10	14/11	16/13	16/14	16/13	14/12	13/11
Valley	14/12	14/12	14/12	15/13	16/15	17/15	16/14	14/13	14/13
Freezing Level*	2500m	2400m	2200m	2100m	2300m	2400m	2300m	2500m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate to high UV levels are expected, so sun protection is recommended. Deteriorating conditions later in the evening may make for challenging navigation.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 12 Aug 2023	1mm	1mm	1mm

Forecast for Monday 14 Aug 2023

Weather: Low cloud and persistent rain, heavy at times, through much of Monday. Rain is unlikely to clear until the evening.

Maximum wind: Southerly 15 mph, gusting 20-25 mph, turning westerly and easing during the afternoon.

Chance of cloud-free hill tops above 600m: 10-20%.

Low cloud and visibility: Widespread low cloud, base 300-500m, during much of the day. Visibility often poor or very poor in rain and low cloud covering the hills.

Temperature: **Valleys:** Plus 12 Celsius becoming plus 16 Celsius.
At 600m: Plus 12 Celsius.
Freezing level: Above the hilltops.

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